

401 KAR 59:085. New sulfite pulp mills.

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
Department for Environmental Protection
Division for Air Quality

Relates to: KRS Chapter 224

Pursuant to: 224.10-100

Necessity and Function: KRS 224.10-100 requires the Department for Natural Resources and Environmental Protection to prescribe regulations for the prevention, abatement, and control of air pollution. This regulation provides for the control of emissions from new sulfite pulp mills.

Section 1. Applicability.

The provisions of this regulation shall apply to each affected facility which:

- (1) Is associated with a sulfite pulp mill;
- (2) Is not subject to another standard of performance within this chapter with respect to sulfur oxides;
- (3) Commenced on or after the classification date defined below.

Section 2. Definitions.

As used in this regulation, all terms not defined herein shall have the meaning given them in 401 KAR 50:010. "Classification date" means April 9, 1972.

Section 3. Standards for Sulfur Oxides Emissions.

No person shall cause or permit sulfur oxides emissions from blow pits, washer vents, storage tanks, digester relief, recovery system, etc., to exceed 9.0 lb. per air dried ton of pulp produced.

Section 4. Test Methods and Procedures

Except as provided in 401 KAR 50:045, performance tests used to demonstrate compliance with Section 3 shall be conducted according to the following methods, filed by reference in 401 KAR 50:015:

- (1) Reference Method 1 for velocity traverses.
- (2) Reference Method 2 for velocity and volumetric flow rate.
- (3) Reference Method 3 for gas analysis.
- (4) Reference Method 6 for sulfur oxide emission rates.
 - (a) The sampling point shall be at the centroid of the duct or stack or at a point no closer to the walls than one (1) meter (3.28 ft.). The sample shall be extracted at a rate proportional to the gas velocity at the sampling point.
 - (b) The minimum sampling time shall be twenty (20) minutes and the minimum sample volume shall be 0.02 dscm (0.71 dscf) for each sample. The arithmetic average of two (2) samples shall constitute one (1) run. Three (3) runs are needed for a compliance test. Samples shall be taken at approximately thirty (30) minute intervals.

Effective Date: June 6, 1979

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